An Electromagnetic Interference Shielding Assembly

Abstract of the Disclosure

An EMI shielding assembly having a surface plate formed as a single unit with one or more wall components is disclosed. The surface plate of the shielding assembly is divided into different zones by the wall component. When the shielding assembly is mounted onto a circuit board, not only the electromagnetic waves generated by the electronic components installed within the area of different zones are prevented by the shielding of the surface plate from leaking outside, but also the aforementioned waves are isolated by the wall components that cross components EMI effect is prevented from happening. Therefore, the goal that not only prevent the electromagnetic wave generated by the electronic components on the circuit board from leaking outside, but also prevent the cross components EMI effects between the different electronic components installed on the same circuit board by a single unit shielding assembly is achieved.